

Title (en)  
DOWN SYNDROME BIOMARKERS AND USES THEREOF

Title (de)  
BIOMARKER FÜR DOWN-SYNDROM UND VERWENDUNGEN DAVON

Title (fr)  
BIOMARQUEURS DU SYNDROME DE DOWN ET LEURS UTILISATIONS

Publication  
**EP 3405185 A4 20190918 (EN)**

Application  
**EP 17741922 A 20170119**

Priority

- US 201662280509 P 20160119
- US 2017014122 W 20170119

Abstract (en)  
[origin: WO2017127537A1] The present invention provides novel biomarkers associated with Down syndrome. In particular, biomarkers identified from a proteome analysis of blood samples collected from affected individuals are disclosed that can be used to evaluate the disease spectrum of each individual with Down syndrome. Methods of using such biomarkers to develop diagnostics and therapeutics for prognosis and treatment of the conditions and diseases accompanying Down syndrome, and to develop diagnostics and therapeutics for prognosis and treatment of conditions and diseases prevalent in typical individuals but rare in individuals with Down syndrome are also described.

IPC 8 full level  
**A61K 31/047** (2006.01); **A61K 31/137** (2006.01)

CPC (source: EP US)  
**A61K 31/047** (2013.01 - EP); **A61K 31/137** (2013.01 - EP); **G01N 33/6893** (2013.01 - EP US); **G01N 2800/387** (2013.01 - EP US); **G01N 2800/52** (2013.01 - EP US)

Citation (search report)

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- [Y] DATABASE MEDLINE [online] US NATIONAL LIBRARY OF MEDICINE (NLM), BETHESDA, MD, US; 2013, TRIMALDI JANESE ET AL: "B-lymphoblastic leukemia/lymphoma associated with t(8;13)(p11;q12)/ ZMYM2 (ZNF198)-FGFR1 : rare case and review of the literature.", XP002793278, Database accession no. NLM23594707 & ACTA HAEMATOLOGICA 2013, vol. 130, no. 3, 2013, pages 127 - 134, ISSN: 1421-9662
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- See references of WO 2017127537A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2017127537 A1 20170727**; EP 3405185 A1 20181128; EP 3405185 A4 20190918; US 2021208162 A1 20210708

DOCDB simple family (application)  
**US 2017014122 W 20170119**; EP 17741922 A 20170119; US 201716071335 A 20170119